

Appl. No. 09/871,886
Amdt. Dated February 3, 2006

Attorney Docket No. 81866.0026
Customer No.: 26021

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Presently amended) A domain management system comprising a front-end domain manager adapted for causing display of an information input screen on an operator terminal-~~of a~~, the information input screen requesting that an operator input of information related to a domain name, the front-end domain manager adapted for communicating to a back-end domain manager over a communication link, the front-end domain manager receiving an information change message from the operator terminal, the information change message including communicating domain name information to be changed by the back-end domain manager, the front-end domain manager extracting information from the information change message and generating a text string command message to be sent to the back-end domain manager, the text string command message comprising a text command specifying an information change function to be performed by the back-end domain manager and further comprising change information to be used by the back-end domain manager in performing the information change function.

2. (Original) The domain management system of claim 1, wherein the information extracted from the information change message is combined with context information to generate the text string command message.

Appl. No. 09/871,886
Amdt. Dated February 3, 2006

Attorney Docket No. 81866.0026
Customer No.: 26021

3. (Previously presented) The domain management system of claim 1, wherein the front-end domain manager receives response messages from the back-end domain manager formatted as text strings, the response messages indicating success or failure of information change instructions within corresponding text string command messages.

4. (Previously presented) The domain management system of claim 1, wherein fields within the text string command message are separated by special characters.

5. (Previously presented) The domain management system of claim 3, wherein fields within the text string of the response message are separated by special characters.

6. (Previously presented) A domain management system, comprising:
a message processor receiving a request for a change of domain name information and extracting domain name change information from the request for the change of domain name information;
a command message generator formatting a command message as a text string, the command message identifying an information change function and comprising the domain name change information, the command message generator sending the command message over a network communication link to an associated domain manager having direct access to a shared registry system; and
a return message interpreter receiving from the associated domain manager a return message including an indication of a success or failure of the information change function identified within the command message communicated to the associated domain manager from the command message generator.

Appl. No. 09/871,886
Amdt. Dated February 3, 2006

Attorney Docket No. 81866.0026
Customer No.: 26021

7. (Previously presented) The domain management system of claim 6, wherein the associated domain manager comprises information change means for communicating a request to change information about a domain name identified in the command message to a database authoritative for the information about the domain name and for generating confirmation to be included in the return message.

8. (Previously presented) The domain manager of claim 7, wherein the associated domain manager uses a command line interpreter to execute the information change function within the command message.

9. (Previously presented) The domain management system of claim 6, wherein the network communication link includes the Internet.

10. (Original) The domain management system of claim 7, wherein the information change means resides on a server of an accredited registrar.

11. (Original) The domain management system of claim 7, wherein the information change means resides on a server capable of directly accessing a shared registry system.

12. (Original) The domain management system of claim 7, wherein the information change means resides on a server coupled to a second server capable of directly accessing a shared registry system.

Appl. No. 09/871,886
Amdt. Dated February 3, 2006

Attorney Docket No. 81866.0026
Customer No.: 26021

13. (Original) The domain management system of claim 12, wherein the information change request is passed through the second server and to the shared registry system.

14. (Original) The domain management system of claim 6, wherein the authoritative database is a shared registry system.

15. (Presently amended) A domain management system, comprising:
an authentication interface generator that generates a message that, when received by an operator terminal, ~~at least in part~~ causes display of a request for authentication ~~from~~ to a party seeking access to the domain management system;

a domain identification interface generator that generates a message that, when received by the operator terminal, ~~at least in part~~ causes display on the operator terminal of a request for input ~~from an operator seeking access to the domain management system~~ of a domain name to be an active domain name from the party accessing the domain management system;

a message processing section receiving an information change message from the operator terminal communicating domain information to be changed, the message processing section extracting information from the information change message and generating a text string command message, the command message identifying an information change function and comprising the domain name change information;

a communication section sending the command message over a network communication link to an associated domain manager, ~~the command message received by the associated domain manager, which implements~~ implementing the information change function using the domain name change information; and

Appl. No. 09/871,886
Amdt. Dated February 3, 2006

Attorney Docket No. 81866.0026
Customer No.: 26021

a return message interpreter receiving from the associated domain manager a return message including an indication of a success or failure of the information change function identified within the command message communicated to the associated domain manager from the command message generator.

16. (Original) The domain management system of claim 15, further comprising a diagnostic utility adapted to receive at least one diagnostic request about the active domain name and to generate a command message requesting execution of a corresponding diagnostic utility.

17. (Original) The domain management system of claim 16, wherein the diagnostic utility accesses a shared registry system when executed.

18. (Original) The domain management system of claim 15, wherein the information extracted from the information change message is combined with context information to generate the text string command message.

19. (Original) The domain management system of claim 15, wherein the front-end domain manager receives a response message from the back-end domain manager formatted as a text string.

20. (Original) The domain management system of claim 18, wherein fields within the text string command message are separated by a special character.

21. (Original) The domain management system of claim 19, wherein fields within the response message are separated by a special character.